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USDOC FOR 532/OEA/MHAMES/JHOWARD
USDOC FOR 3150/USFCS/OIO/CEENIS/MCOSTA

E.O. 12958: N/A

TAGS: [BEXP](#) [ETRD](#) [ETTC](#) [RS](#)

SUBJECT: EXTRANCHECK: PRE-LICENSE CHECK: IKI RAN SPACE
RESEARCH INSTITUTE, MOSCOW, RUSSIA, LICENSE NO.
D390536

REFTEL: USDOC 00822

¶1. Unauthorized disclosure of the information provided below is prohibited by Section 12C of the Export Administration Act.

¶2. Reftel requested a Pre-license check to determine the legitimacy and reliability of the end-user, Russian Academy of Sciences (RAS) Space Research Institute, Moscow, Russia. The company is listed on BIS license application D390536 as the ultimate consignee of 12 pieces of Xilinx device XQ4010E-4CB196M. These items are controlled for national security and nuclear non-proliferation reasons under ECCN 3A001. The licensee is Xilinx Inc., 2100 Logic Drive, San Jose, CA 95124.

¶3. On March 11, 2008, Export Control Attache Peter Liston and LES Natalya Shipitsina conducted the requested pre-license check at the offices of (RAS) Space Research Institute, 84/32 Profsoyuznaya st., Moscow, Russia. The export control team met with Mikhail Kudelin, Project Manager in Phobos-Grunt Laboratory's Optico-Physical Department.

¶4. The Russian Academy of Science (RAS), Space Research Institute is one of the leading organizations in the field of investigations of Outer Space, Solar System planets and other objects of the Universe. The Space Research Institute (IKI) is primarily in charge of long-range planning and elaboration of space research programs, of which a considerable part is performed within the framework of international space research cooperation. The Space Research Institute takes part in the Federal Space Program that is being formed by the RAS Space Council and by the appropriate sections of this Council together with the Federal Space Agency (Roscosmos). The Space Research Institute of the Russian Academy of Science has cooperated in projects with Russia's Federal Space Agency (FSA), NASA and European Space Agency (ESA).

¶5. Mikhail Kudelin described the Optio-Physical Department's role in the Phobos-Grunt mission as being involved in both the launch vehicle and return module; together with all related research leading up to the 2009 launch date. Mikhail Kudelin stated that 2 of the 12 Xilinx device XQ4010E-aCB196M will be placed on the launch vehicle and 2 on the return module. The 8 other devices will be used up during the research, development and testing stages leading up to the launch date in 2009. The Xilinx parts will be

integrated in the Research Space Craft Altitude Control System and are consistent with the current research projects designs.

¶6. Recommendations: Post recommends Russian Academy of Sciences (RAS) Space Research Institute, Moscow, Russia, as reliable recipients of sensitive U.S. origin commodities. It is requested that post be notified of final disposition of the application, and of any shipments for this organization in order to conduct appropriate FCS follow-up and statistical reporting.

(FCS MOSCOW/MOGRADY/PLISTON)
BURNS